ABSTRACT

To provide a digital AV data transmitting unit including at least a data significance deciding section for deciding the significance degree of digital AV data, a transmitting-side plurality-of-authentication-rules storing section storing a plurality of types of authentication rules, a transmitting-side authentication selecting section for selecting one type of authentication rule from the transmitting-side plurality-of-authentication-rules storing means in accordance with a decision result by the data significance deciding section when receiving an authentication request, and a transmitting-side authenticating section for performing authentication in accordance with the selected authentication rule.

Moreover, to provide a digital AV data receiving unit for communicating with a digital AV data transmitting unit having at least a data significance deciding section for deciding the significance degree of digital AV data, a transmitting-side plurality-of-authentication-rules storing section storing a plurality of types of authentication rules, a transmitting-side authentication selecting section for selecting one type of authentication rule from the

transmitting-side plurality-of-authentication-rules
storing means in accordance with a decision result by
the data significance deciding section when receiving
an authentication request, and a transmitting-side
authenticating section for performing authentication in
accordance with the selected authentication rule;
including at least an authentication requesting section
for requesting the authentication, a receiving-side
plurality-of-authentication-rules storing section
storing a plurality of types of authentication rules same
as those stored in the transmitting-side plurality-
of-authentication-rules storing section, a
receiving-side authentication selecting section for
selecting an authentication rule same as a predetermined
authentication rule selected by the transmitting-side
authentication selecting section from the receiving-
side plurality-of-authentication-rules storing section,
and a receiving-side authenticating section for
performing authentication in accordance with the
authentication rule selected by the receiving side.